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## NOTICE OF ALLOWANCE AND FEE(S) DUE

34232

7590

12/02/2004

MATTHEW R. JENKINS, ESQ. 2310 FAR HILLS BUILDING DAYTON, OH 45419

EXAMINER
MOHANDESI, IRAJ A

ART UNIT

PAPER NUMBER

2834

DATE MAILED: 12/02/2004

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/054 659      | 01/22/2002  | Weixing Mao          | VAL 140 P2          | 9317             |

TITLE OF INVENTION: ELECTRIC MOTOR DRIVE SYSTEM AND METHOD

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1370    | \$300           | \$1670           | 03/02/2005 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax

(703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required), Blocks 1 through 5 should be completed wh

| appropriate. All further co-<br>indicated unless corrected<br>maintenance fee notification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | below or directed otherwise                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Patent, advance or<br>in Block 1, by (a | ders and noti<br>) specifying a                                                                                                                         | fication of maintenance fees<br>a new correspondence addres          | will be mailed to the current<br>ss; and/or (b) indicating a sep                                                                                                                                                                                                                    | correspondence address arate "FEE ADDRESS"             |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--|--|
| CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)  34232 7590 12/02/2004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |                                                                                                                                                         | Fee(s) Transmittal. 7                                                | Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, m have its own certificate of mailing or transmission. |                                                        |  |  |
| MATTHEW R. J<br>2310 FAR HILLS<br>DAYTON, OH 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | BUILDING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                         |                                                                                                                                                         | I hereby certify that<br>States Postal Service<br>addressed to the M | ertificate of Mailing or Tran<br>this Fee(s) Transmittal is bein<br>with sufficient postage for final<br>ail Stop ISSUE FEE address<br>SPTO (703) 746-4000, on the                                                                                                                  | ng deposited with the Un<br>rst class mail in an envel |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |                                                                                                                                                         |                                                                      |                                                                                                                                                                                                                                                                                     | (Depositor's na                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |                                                                                                                                                         |                                                                      |                                                                                                                                                                                                                                                                                     | (Signat                                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |                                                                                                                                                         |                                                                      |                                                                                                                                                                                                                                                                                     | (D                                                     |  |  |
| APPLICATION NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FILING DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         | FIRST NAMEI                                                                                                                                             | O INVENTOR                                                           | ATTORNEY DOCKET NO.                                                                                                                                                                                                                                                                 | CONFIRMATION NO.                                       |  |  |
| 10/054,659                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 01/22/2002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | · · · · · · ·                           | Weixin                                                                                                                                                  | g Mao                                                                | VAL 140 P2                                                                                                                                                                                                                                                                          | 9317                                                   |  |  |
| TITLE OF INVENTION: E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ELECTRIC MOTOR DRIVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SYSTEM AND M                            | IETHOD                                                                                                                                                  |                                                                      |                                                                                                                                                                                                                                                                                     |                                                        |  |  |
| APPLN. TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SMALL ENTITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ISSUE FI                                | EE                                                                                                                                                      | PUBLICATION FEE                                                      | TOTAL FEE(S) DUE                                                                                                                                                                                                                                                                    | DATE DUE                                               |  |  |
| nonprovisional                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$1370                                  | )                                                                                                                                                       | \$300                                                                | \$1670                                                                                                                                                                                                                                                                              | 03/02/2005                                             |  |  |
| EXAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MINER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ART UN                                  | ıır                                                                                                                                                     | CLASS-SUBCLASS                                                       | 7                                                                                                                                                                                                                                                                                   |                                                        |  |  |
| MOHAND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ESI, IRAJ A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2834                                    |                                                                                                                                                         | 310-07500R                                                           |                                                                                                                                                                                                                                                                                     |                                                        |  |  |
| CFR 1.363).  Change of correspond Address form PTO/SB/1  "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AND PLEASE NOTE: Unless                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Change of correspondence address (or Change of Correspondence dress form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form D/SB/47; Rev 03-02 or more recent) attached. Use of a Customer mber is required.  (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  (2) the name of a single firm (having as a member a registered attorneys or agent) and the names of up to 2 registered attorneys or agents. If no name is listed, no name will be printed.  SIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  EASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed production as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. |                                         |                                                                                                                                                         |                                                                      |                                                                                                                                                                                                                                                                                     |                                                        |  |  |
| Please check the appropriate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | e assignee category or categor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ries (will not be pri                   | inted on the p                                                                                                                                          | atent): 🔲 Individual 🔘                                               | Corporation or other private gr                                                                                                                                                                                                                                                     | oup entity Governm                                     |  |  |
| 4a. The following fee(s) are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | enclosed:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4b                                      | Payment of                                                                                                                                              | • •                                                                  |                                                                                                                                                                                                                                                                                     |                                                        |  |  |
| Issue Fee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | mall antitu diagount nomeitta                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ۸)                                      | A check in the amount of the fee(s) is enclosed.  Payment by credit card. Form PTO-2038 is attached.                                                    |                                                                      |                                                                                                                                                                                                                                                                                     |                                                        |  |  |
| Publication Fee (No small entity discount permitted)  Advance Order - # of Copies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         | The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number (enclose an extra copy of this form). |                                                                      |                                                                                                                                                                                                                                                                                     |                                                        |  |  |
| a. Applicant claims S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (from status indicated above MALL ENTITY status. See 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 37 CFR 1.27.                            |                                                                                                                                                         |                                                                      |                                                                                                                                                                                                                                                                                     |                                                        |  |  |
| The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).  In the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other part is shown by the records of the United States Patent and Trademark Office.                                                                                                                                                                                                                                                                                                                           |                                         |                                                                                                                                                         |                                                                      |                                                                                                                                                                                                                                                                                     |                                                        |  |  |
| Authorized Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <del>.</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |                                                                                                                                                         | Date                                                                 |                                                                                                                                                                                                                                                                                     |                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |                                                                                                                                                         | -                                                                    | on No.                                                                                                                                                                                                                                                                              |                                                        |  |  |
| his collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proceed application). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, ibmitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to comp is form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce. P |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |                                                                                                                                                         |                                                                      |                                                                                                                                                                                                                                                                                     |                                                        |  |  |

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| APPLICATION NO. | FILING DATE                                 | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.     | CONFIRMATION NO. |  |
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| 10/054,659      | 01/22/2002                                  | Weixing Mao          | VAL 140 P2              | 9317             |  |
| 34232           | 7590 12/02/2004                             |                      | EXAMINER                |                  |  |
|                 | JENKINS, ESQ.                               | MOHANDESI, IRAJ A    |                         |                  |  |
|                 | 2310 FAR HILLS BUILDING<br>DAYTON, OH 45419 |                      |                         | PAPER NUMBER     |  |
|                 |                                             |                      | 2834                    |                  |  |
|                 |                                             |                      | DATE MAILED: 12/02/2004 |                  |  |

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a ha months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.